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TITLE: COMPOSITION FOR ARTIFICIAL LEATHER  
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INVENTOR-INFORMATION:

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NAME	COUNTRY
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APPL-DATE: September 26, 1991

INT-CL (IPC): D06N003/14, C08L101/00

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a composition for an artificial leather excellent in strength even without using a base substrate, also excellent in endurance and abrasion resistance, and having a touch and feeling resembling to a natural leather, and a high quality feeling.

SOLUTION: This composition for the artificial leather contains a thermoplastic elastomer selected from a urethane-based elastomer having a linear structure, and using a long chain diol as a soft

segment and a short  
chain diol with a diisocyanate as a hard segment, a vinyl  
chloride-based  
elastomer, a styrene-based elastomer, an olefin-based  
elastomer, a  
1,2-polybutadiene-based elastomer, a polyester-based  
elastomer, a  
polyamide-based elastomer, an ionomer- based elastomer and  
a fluorine-based  
elastomer, with a silk powder. The artificial leather is  
produced by molding  
the above composition for the artificial leather.

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TITLE: Composition, for artificial leather,  
contains a thermoplastic elastomer and powdered  
silk

PATENT-ASSIGNEE: NIPPON MIRACTORAN KK[NIMIN] , NIPPON  
VALQUA IND LTD[NIVAN]

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JP 2001089977 A		April 3, 2001	N/A
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JP2001089977A		Div ex	
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BASIC-ABSTRACT:

NOVELTY - Composition for artificial leather contains a thermoplastic elastomer and powdered silk.

DETAILED DESCRIPTION - The thermoplastic elastomer is selected from a linear structure-urethane-based elastomer using a long-chain diol as a soft segment and a short-chain diol and diisocyanate as a hard segment, a vinyl chloride-based elastomer, a styrene-based elastomer, an olefin-based elastomer, a 1,2 polybutadiene-based elastomer, a polyester-based elastomer, a polyamide-based elastomer, an ionomer-based elastomer and a fluorine-based elastomer.

USE - The composition is used for the artificial leather.

ADVANTAGE - The artificial leather has superior strength without using a base material, durability, abrasion resistance, moisture absorption and release, feeling.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: COMPOSITION ARTIFICIAL LEATHER CONTAIN  
THERMOPLASTIC ELASTOMER  
POWDER SILK

DERWENT-CLASS: A13 A25 A83 D18

CPI-CODES: A03-C01; A08-R08B; A11-B01; A12-B02A; D07-A;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; H0135 H0124

Polymer Index [1.2]

018 ; R24068 G3714 P0599 D01 F70 ; S9999 S1514 S1456

Polymer Index [1.3]

018 ; G1025\*R G0997 D01 F28 F26 ; G1854\*R G1843 D01 F73  
 ; P1592\*R  
 F77 D01 ; H0124\*R ; H0135 H0124 ; H0033 H0011  
 Polymer Index [1.4]  
 018 ; G0033\*R G0022 D01 D02 D51 D53 ; R00338 G0544  
 G0022 D01 D12  
 D10 D51 D53 D58 D69 D82 C1 7A ; R00708 G0102 G0022 D01  
 D02 D12 D10  
 D19 D18 D31 D51 D53 D58 D76 D88 ; H0011\*R ; H0124\*R ;  
 H0135 H0124  
 ; P1150 ; P1741 ; P1796  
 Polymer Index [1.5]  
 018 ; R00806 G0828 G0817 D01 D02 D12 D10 D51 D54 D56  
 D58 D84 ; H0011\*R  
 ; H0124\*R ; H0135 H0124 ; B9999 B5049 B5038 B4977 B4740  
 ; P0328  
 Polymer Index [1.6]  
 018 ; P0839\*R F41 D01 D63 ; H0124\*R ; H0135 H0124  
 Polymer Index [1.7]  
 018 ; P0635\*R F70 D01 ; H0124\*R ; H0135 H0124  
 Polymer Index [1.8]  
 018 ; H0124\*R ; H0135 H0124 ; P0588  
 Polymer Index [1.9]  
 018 ; P0500 F\* 7A ; H0124\*R ; H0135 H0124  
 Polymer Index [1.10]  
 018 ; N9999 N6440\*R ; Q9999 Q9121 ; B9999 B4091\*R B3838  
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